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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/981,927	10/17/2001	Alan Chervitz	MED-8 CIP	6361

7590 02/26/2003
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EXAMINER

PHILOGENE, PEDRO

ART UNIT	PAPER NUMBER
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3732

DATE MAILED: 02/26/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/981,927

Applicant(s)

CHERVITZ ET AL.

Examiner

Pedro Philogene

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-- Th MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 October 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-44 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-44 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 05.

- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

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Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 1-44 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-36 of U.S. Patent No. 6,520,965 in view of Schlapfer et al. 5,993,449.

With respect to claims 1-44, it is noted that Chervitz et al discloses all the limitations; except for the second axis being aligned with a bone screw extending through the screw hole; as claimed by applicant. However, in a similar art, Schlapfer et al evidences the use of a second axis being aligned with a bone screw extending through the screw hole to provide easy insertion of the bone screw after the mounting of the filament.

Therefore, given the teaching of Schlapfer et al., it would have been obvious to one having ordinary skill in the art at the time the invention was made to punch the filament hole in the washer of Chervitz et al. in such a way that the hole aligned with the

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bone screw, as taught by Schlapfer et al., to provide easy insertion of the bone screw after the mounting of the filament.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-11,31,32,38-44 are rejected under 35 U.S.C. 102(b) as being anticipated by Schlapfer et al. (5,993,449).

With respect to claims 1, 39, Schlapfer et al disclose a structure (1) having a screw hole (4) extending therethrough for receiving therein the shank of the bone screw (10) deployed in the bone, whereby to secure the structure to the bone, the screw hole defining a first axis, as best seen in Fig.1, and the structure having a filament hole (5,6) extending therethrough for receiving a filament (13,14) therein so as to retain the filament to the structure, the filament hole defining a second axis; as best seen in FIG.1 extending substantially perpendicular to the first axis; with the second axis being aligned with a bone screw (10) extending through the screw hole; with the second axis extending parallel to a third axis extending through the first axis; as best seen in FIGS: 1-7.

A recitation of the intended use of the claimed invention must result in a structural difference between the claimed invention and the prior art in order to patentably distinguish the claimed invention from the prior art. If the prior art structure is

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capable of performing the intended use, then it meets the claim. In a claim drawn to a process of making, the intended use must result in a manipulative difference as compared to the prior art. See *In re Casey*, 152 USPQ 235 (CCPA 1967) and *In re Otto*, 136 USPQ 458, 459 (CCPA 1963).

With respect to claim 2, 38, Schlapfer et al. disclose a body (FIG.1), a downwardly projection extension (2) connected to the body and having a screw hole (4) extending therethrough for receiving therein the shank of the bone screw deployed in the bone, whereby to secure the downwardly projecting extension to the bone, the screw hole defining a first axis; as best seen in FIG.1; and, an upwardly projection extension (1) connected to the body and having a filament hole extending therethrough for receiving a filament (13,14) therein so as to retain the filament to the upwardly projecting extension, the filament hole defining a second axis extending substantially perpendicular to the first axis, with the second axis being aligned with a bone screw (10) extending through the screw hole; with the upwardly projecting extension being displaced laterally and longitudinally from the downwardly projecting extension; as best seen in FIGS 1-7.

A recitation of the intended use of the claimed invention must result in a structural difference between the claimed invention and the prior art in order to patentably distinguish the claimed invention from the prior art. If the prior art structure is capable of performing the intended use, then it meets the claim. In a claim drawn to a process of making, the intended use must result in a manipulative difference as

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compared to the prior art. See *In re Casey*, 152 USPQ 235 (CCPA 1967) and *In re Otto*, 136 USPQ 458, 459 (CCPA 1963).

With respect to claims 3-11, 31,32, Schlapfer et al disclose all the limitations as set forth in column 3, lines 24-67, column 4, lines 1-67; and, a best seen in FIGS: 1-7.

With respect to claims 40-44, Schlapfer et al disclose all the limitations as best seen in FIGS: 1-7.

Allowable Subject Matter

If a terminal disclaimer is filed:

Claim 29 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: the prior art fails to disclose or reasonably teach a system and a method for securing an object to a bone comprising a washer comprising downwardly projecting extension having a screw hole; and, an upwardly projecting extension having filament hole and a filament received by the filament hole the filament securing the object to the bone.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

5,810,824	9-1998	Chan
5,665,089	9-1997	Dall et al.

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6,053,921	4-2000	Wagner et al.
6,120,505	9-2000	Huebner
6,520,965	2-2003	Chervitz et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pedro Philogene whose telephone number is (703) 308-2252. The examiner can normally be reached on Monday to Friday 6:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kevin P Shaver can be reached on (703) 308-2582. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9302 for regular communications and (703) 305-3591 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0858.

Pedro Philogene
February 21, 2003


PEDRO PHILOGENE
PRIMARY EXAMINER